THE McEDWARDS GROUP
1025 Hearst-Willits Road
Willits, CA 95490
Phone: (707) 459-1086 License #743428 Fax: (707) 459-1084

October 18, 2005
Job No. 1078.01.02

Mr. Craig Hunt
Water Resources Control Engineer
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Groundwater Monitoring Results
September 2005
7746 North Highway One
Little River, California

Dear Mr. Hunt:

This letter presents monitoring results for September 2005. Groundwater levels were measured in the four monitoring wells and water samples were taken in wells MW-1, MW-3, and MW-4 on September 8, 2005. Well MW-2 was not sampled because ½ inch of free product gasoline was measured in the well. The wells were opened the day before to allow water levels to equilibrate to atmospheric pressure. Each sampled well was purged of standing water until successive measurements of indicator parameters pH, conductivity, oxygen reduction potential, dissolved oxygen, and temperature differed by less than 5% or until the well dewatered, whichever came first. Following purging, each well was let stand for at least two hours and then sampled using a disposable bailer. The well purging and sampling record is attached.

Contoured water level elevations for September 8, 2005 are shown on Plate 1. Hydrographs of the water level elevations in the four wells are shown on Plate 2. Water level depths and elevations are shown in Table 1. Water level elevations are relative to an assumed top of casing elevation of 100.00 at well MW-1. Casing and water level elevations will be modified to reflect the actual casing elevation at well MW-1 after it is determined by survey from a known monument.

Water samples were analyzed for Total Petroleum Hydrocarbons (TPH) as Diesel; TPH as Motor Oil, TPH as Gasoline; Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX); fuel oxygenates Di-isopropyl Ether (DIPE), Ethyl tert-Butyl Ether (ETBE), Methyl tert-Butyl Ether (MTBE), tert-Amyl Methyl Ether (TAME), and tert-Butanol (TB); and lead scavengers 1,2-Dichoromethane (EDB) and 1,2-Dichloroethane (1,2-DCA). Concentrations of TPH as Gasoline for September 2005 are contoured on Plate 3 using a value of 35,000 ug/l at well MW-2 to represent the presence of free product. Analytical results are tabulated in Table 2.

CONCLUSIONS AND RECOMMENDATIONS

Plate 1 shows remarkably uniform groundwater flow to the southwest, toward the creek bordering the site on the south. Plate 3 shows isoconcentration contours consistent with contaminant migration to the north. As we have said in previous monitoring reports, it appears that the source of contamination is in the vicinity of well MW-2, perhaps under the floor of the Post Office. We recommend that this suspected source area be investigated with soil borings and that a workplan for this source investigation be prepared for your approval.

We trust this is the information you require.

Very Truly Yours,
THE McEDWARDS GROUP

Donald G. McEdwards, PhD, CE 28088, EG 1288, HG 153
Principal Hydrogeologist

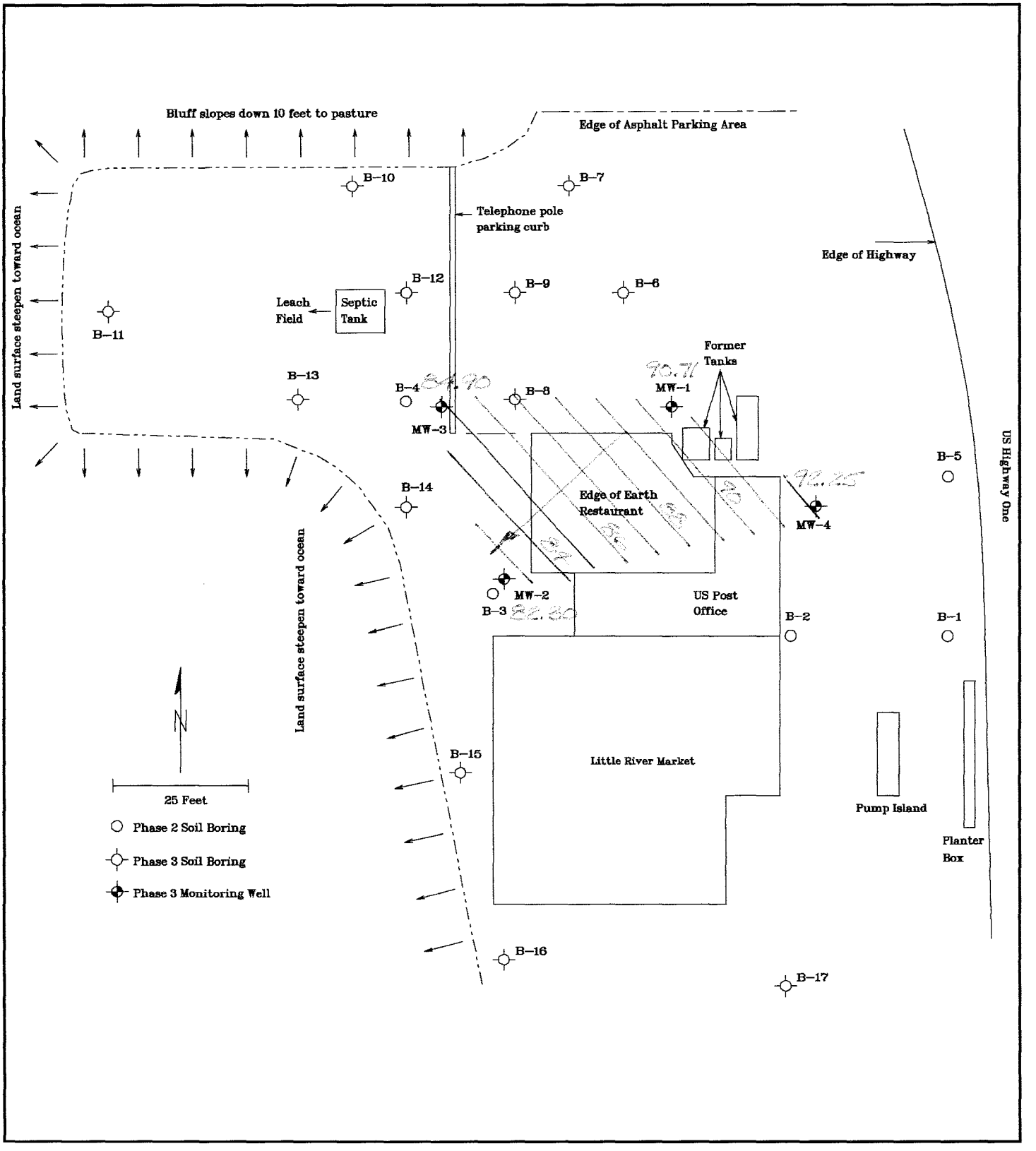
Attachments:
- Water Level Elevation - 09/08/05, Plate 1
- Hydrographs of MW-1 through MW-4, Plate 2
- TPH as Gasoline - 09/08/05, Plate 3
- Table 1 - Water Level Depths and Elevations for Wells at 7746 North Highway One, Little River, California
- Table 2 - Analytical Results of Water Samples from Monitoring Wells at 7746 North Highway One, Little River, California
- Analytical Laboratory Report and Chain-of-Custody form
- Well Purging and Sampling Record

cc:

Mr. Eric Van Dyke
P.O. Box 341
Little River, CA 95456

Mr. Bruce Van Dyke
3493 Meadowlands Lane
San Jose, CA 95135

Mr. Carl Van Dyke
P.O. Box 490
Monte Rio, CA 95462



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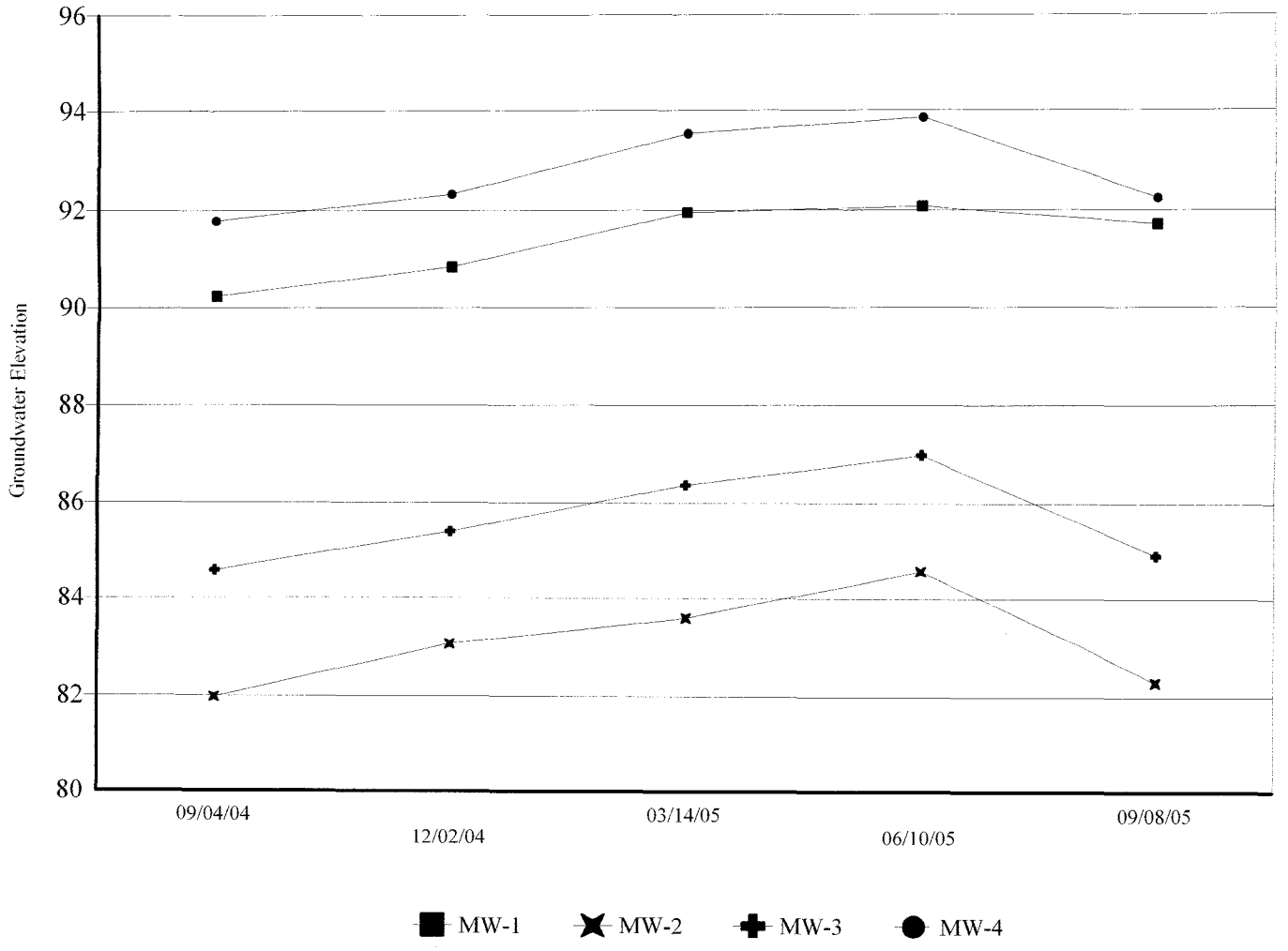
Water Level Contours – 09/08/05
7746 North Highway One
Little River, California

PLATE
1

Job Number: 1078.01.02

QTR.P1



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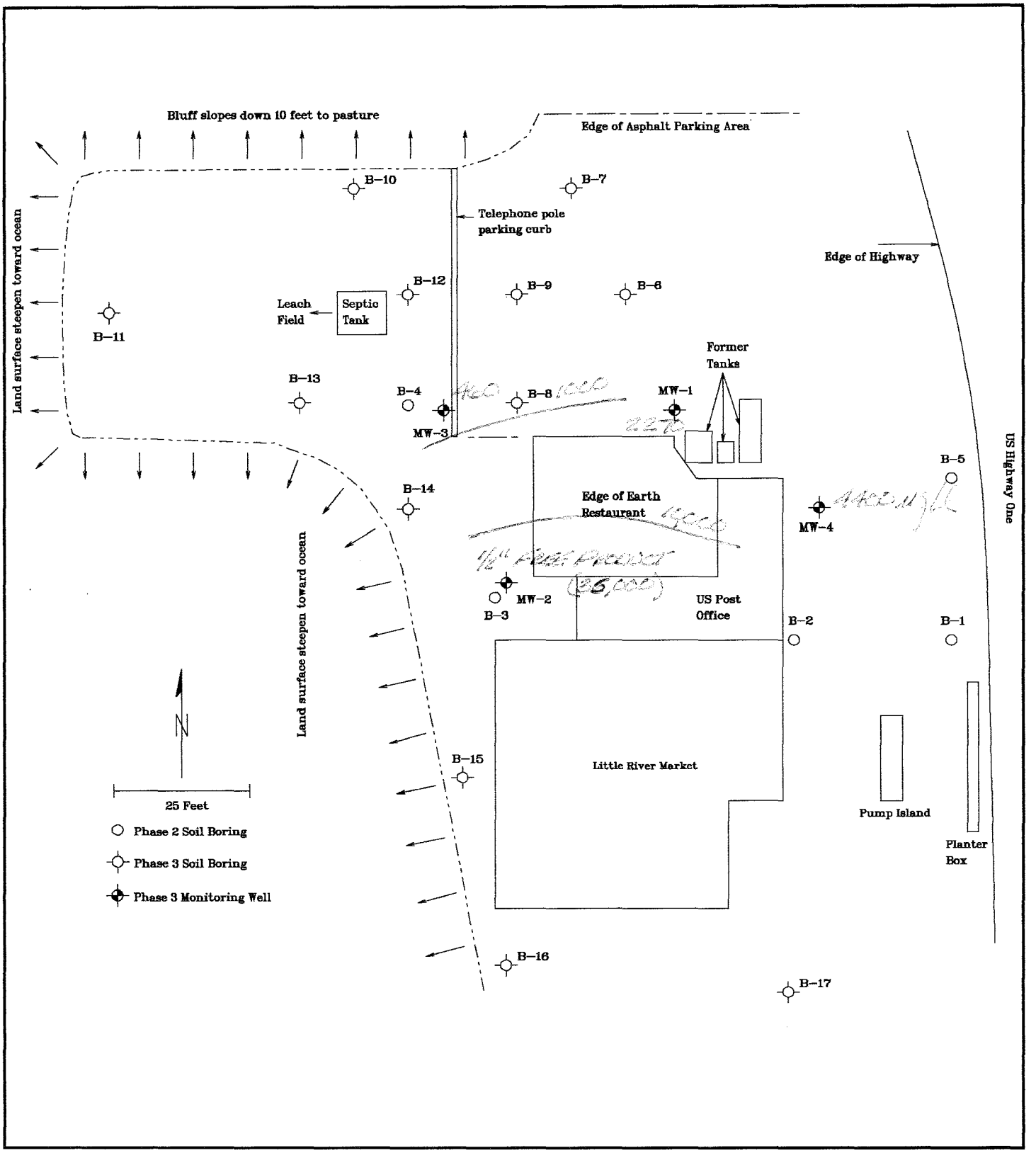
Hydrographs of MW-1 through MW-4
7746 North Highway One
Little River, California

PLATE
2

Job Number: 1078.01.02

QTR.P2



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TPH as Gasoline – 09/08/05
7746 North Highway One
Little River, California

PLATE
3

Job Number: 1078.01.02

QTR.P3

Table 1 - Water Level Depths and Elevations for Wells at7746 North Highway One, Little River, California

	TOC Elevation	*Depth*	*Elevation 09/04/04*	*Depth*	*Elevation 12/02/04*	*Depth*	*Elevation 03/14/05*	*Depth*	*Elevation 06/10/05*	*Depth*	*Elevation 09/08/05*
MW-1	100.00	9.76	90.24	9.16	90.84	8.05	91.95	7.92	92.08	9.29	90.71
MW-2	99.27	17.29	81.98	16.22	83.05	15.68	83.59	14.70	84.57	16.97	82.30
MW-3	98.88	14.30	84.58	13.49	85.39	12.50	86.38	11.85	87.03	13.98	84.90
MW-4	100.74	8.96	91.78	8.41	92.33	7.20	93.54	6.89	93.85	8.49	92.25

Table 2 - Analytical Results of Water Samples from Monitoring Wells at 7746 North Highway One, Little River, California

		LAB NOTES	*TPH as DIESEL*	*TPH as MOTOR OIL*	*TPH as GASOLINE*	*BENZENE*	*TOLUENE*	*ETHLY-BENZENE*	*XYLENES*	*DIPE*	*ETBE*	*MTBE*	*TAME*	*TB*	*EDB*	*1,2-DCA*
			ug/l							*ug/l*						
MW-1	*09/04/04*	1,2	**70**	<250	**190**	**40**	**6.4**	**2.2**	**11**	<0.5	<0.5	**14**	<0.5	<5.0	<0.5	**1.9**
	12/02/04	1,2	**68**	<250	**300**	**92**	**11**	**6.9**	**5.4**	<0.5	<0.5	**13**	<0.5	<5.0	<0.5	**3.5**
	03/14/05	1,2,4	**88**	<250	**330**	**98**	**15**	**11**	**10**	<0.5	<0.5	**14**	<0.5	**19**	<0.5	**4.7**
	06/10/05	1,2,4	**73**	<250	**240**	**71**	**15**	**7.2**	**11**	<0.5	<0.5	**10**	<0.5	**7.4**	<0.5	**2.7**
	09/08/05	1,2,4	**71**	<250	**270**	**84**	**9.2**	**8.2**	**5.9**	<0.5	<0.5	**8.9**	<0.5	**6.4**	<0.5	**2.7**
MW-2	*09/04/04*	1,2	**360**	<250	**21,000**	**1300**	**800**	**1100**	**2400**	<5.0	<5.0	**20**	<5.0	**110**	<5.0	**79**
	12/02/04	1,2	**4000**	<250	**35,000**	**2400**	**2000**	**1700**	**4700**	<5.0	<5.0	**21**	<5.0	<50	<5.0	**90**
	03/14/05	1,2	**5100**	<250	**35,000**	**1700**	**1500**	**1300**	**3600**	<5.0	<5.0	**22**	<5.0	**160**	<5.0	**88**
	06/10/05	1,2	**4300**	<250	**36,000**	**2000**	**1500**	**1500**	**3900**	<5.0	<5.0	**13**	<5.0	**170**	<5.0	**87**
	09/08/05	------- Not sampled - ½" Free Product ------														
MW-3	*09/04/04*	2	<50	<250	**50**	**0.98**	<0.5	**1.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	**12**
	12/02/04	2	**82**	<250	**260**	**4.7**	**1.1**	**9.6**	**2.3**	<0.5	<0.5	**0.80**	<0.5	**6.2**	<0.5	**34**
	03/14/05	2	**110**	<250	**230**	**3.7**	**0.77**	**7.9**	**2.6**	<0.5	<0.5	**0.55**	<0.5	**6.3**	<0.5	**21**
	06/10/05	1,2	**150**	<250	**450**	**6.0**	**1.8**	**22**	**4.0**	<0.5	<0.5	**0.74**	<0.5	**6.4**	<0.5	**25**
	09/08/05	1,2	**120**	<250	**460**	**7.0**	**1.7**	**21**	**4.0**	<0.5	<0.5	**0.52**	<0.5	**5.1**	<0.5	**24**
MW-4	*09/04/04*	1,2	**1900**	<250	**4800**	**2.6**	**7.3**	**220**	**240**	<1.0	<1.0	**23**	<1.0	<10	<1.0	<1.0
	12/02/04	1,3	**1200**	<250	**3800**	<5.0	**10**	**180**	**170**	<1.0	<1.0	**21**	<1.0	<10	<1.0	<1.0
	03/14/05	1,3,4	**1600**	<250	**3800**	**6.1**	**7.2**	**130**	**110**	<1.0	<1.0	**20**	<0.5	**7.4**	<1.0	**0.55**
	06/10/05	1,2	**1800**	<250	**3400**	**8.5**	**11**	**150**	**130**	<0.5	<0.5	**28**	<0.5	<5.0	<0.5	**0.68**
	09/08/05	1,2,4	**1900**	<250	**4400**	**7.1**	**9.6**	**210**	**170**	<0.5	<0.5	**23**	<0.5	<5.0	<0.5	**0.73**

LAB NOTES

1 = Gasoline range compounds are significant for diesel

2 = Unmodified or weakly modified gasoline is significant for gasoline

3 = Heavier gasoline range compounds are significant for gasoline (aged gasoline?)

4 = Diesel range compounds are significant for diesel

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 N. Hwy 1	Date Sampled: 09/08/05
		Date Received: 09/14/05
	Client Contact: Don McEdwards	Date Extracted: 09/18/05
	Client P.O.:	Date Analyzed: 09/18/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0509309

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	270,a	---	84	9.2	8.2	5.9	1	104
002A	MW-3	W	460,a	---	7.0	1.7	21	4.0	1	96
003A	MW-4	W	4400,a	---	7.1	9.6	210	170	1	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 N. Hwy 1	Date Sampled: 09/08/05
		Date Received: 09/14/05
	Client Contact Don McEdwards	Date Extracted: 09/14/05
	Client P.O.	Date Analyzed: 09/15/05-09/17/05

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0509309

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0509309-001B	MW-1	W	71,d,b	ND	1	103
0509309-002B	MW-3	W	120,d	ND	1	100
0509309-003B	MW-4	W	1900,d,b	ND	1	104

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirits; p) see Case Narrative.

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Angela Rydelius, Lab Manager

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

The McEdwards Group 1025 Hearst-Willits Road Willits, CA 95490-9743	Client Project ID: #1078.01.02; 7746 N. Hwy 1	Date Sampled: 09/08/05
		Date Received: 09/14/05
	Client Contact: Don McEdwards	Date Extracted: 09/16/05
	Client P.O.:	Date Analyzed: 09/16/05

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0509309

Lab ID	0509309-001C	0509309-002C	0509309-003C	Reporting Limit for DF =1	
Client ID	MW-1	MW-3	MW-4		
Matrix	W	W	W		
DF	1	1	1	S	W
Compound	**Concentration**			ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	6.4	5.1	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	2.7	24	0.73	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	8.9	0.52	23	NA	0.5
Surrogate Recoveries (%)					
%SS1:	100	100	98		
Comments					

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water | QC Matrix: Water | WorkOrder: 0509309

EPA Method: SW8021B/8015Cm | **Extraction: SW5030B** | **BatchID: 18002** | **Spiked Sample ID: 0509306-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	96.7	97.8	1.15	108	109	0.797	70 - 130	70 - 130
MTBE	ND	10	106	115	8.23	97.9	100	2.35	70 - 130	70 - 130
Benzene	ND	10	116	119	3.04	92.5	95.1	2.78	70 - 130	70 - 130
Toluene	ND	10	110	113	3.30	92	94.6	2.86	70 - 130	70 - 130
Ethylbenzene	ND	10	109	113	3.60	95.1	97.3	2.29	70 - 130	70 - 130
Xylenes	ND	30	95.3	96.3	1.04	95.3	99.3	4.11	70 - 130	70 - 130
%SS:	99	10	113	113	0	96	97	0.565	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 18002 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509309-001A	9/08/05 8:00 PM	9/18/05	9/18/05 1:05 AM	0509309-002A	9/08/05 8:30 PM	9/18/05	9/18/05 1:34 AM
0509309-003A	9/08/05 7:30 PM	9/18/05	9/18/05 2:04 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509309

EPA Method: SW8015C	Extraction: SW3510C	BatchID: 17997	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	98.8	101	2.21	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	101	103	2.06	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 17997 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509309-001B	9/08/05 8:00 PM	9/14/05	9/17/05 2:42 AM	0509309-002B	9/08/05 8:30 PM	9/14/05	9/15/05 9:16 PM
0509309-003B	9/08/05 7:30 PM	9/14/05	9/17/05 3:51 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509309

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 17996	Spiked Sample ID: 0509297-002B

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	88.5	112	23.4	82.1	84.6	3.05	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	93.5	94.6	1.19	90.2	92.6	2.68	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	90.9	106	15.7	84.6	85.4	1.03	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	112	114	1.60	103	103	0	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	118	118	0	110	112	1.26	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	95.9	108	12.0	82.8	84.3	1.77	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	91.9	112	20.0	79.4	83.2	4.61	70 - 130	70 - 130
%SS1:	97	10	98	105	6.42	94	96	2.33	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 17996 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509309-001C	9/08/05 8:00 PM	9/16/05	9/16/05 9:43 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509309

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 18003	Spiked Sample ID: 0509308-004C

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	92.1	91.7	0.492	89.1	86.2	3.31	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	97.6	98.5	0.953	99.2	97	2.26	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	98.9	98.4	0.533	91.6	90.2	1.54	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	110	111	0.849	110	107	2.67	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	105	107	1.84	118	116	0.975	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	94.9	95.2	0.383	95.6	92.1	3.74	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	97.9	97.7	0.153	94.3	91.5	3.02	70 - 130	70 - 130
%SS1:	101	10	99	98	0.144	92	91	1.27	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 18003 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509309-002C	9/08/05 8:30 PM	9/16/05	9/16/05 10:26 PM	0509309-003C	9/08/05 7:30 PM	9/16/05	9/16/05 11:09 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0509309 **ClientID: TMG** **EDF: NO**

Report to:
Don McEdwards
The McEdwards Group
1025 Hearst-Willits Road
Willits, CA 95490-9743
TEL: (707) 459-1086
FAX: (707) 459-1084
ProjectNo: #1078.01.02; 7746 N. Hwy 1
PO:

Bill to:
Don McEdwards
The McEdwards Group
1025 Heasrt-Willits Road
Willits, CA 95490-9743

Requested TAT: 5 days
Date Received: **09/14/2005**
Date Printed: **09/14/2005**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0509309-001	MW-1	Water	9/8/05 8:00:00 PM	☐	C	A	A	B											
0509309-002	MW-3	Water	9/8/05 8:30:00 PM	☐	C	A		B											
0509309-003	MW-4	Water	9/8/05 7:30:00 PM	☐	C	A		B											

Test Legend:

1	5-OXYS_W	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(DMO)_W	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

7mg 0509309

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Don McEdwards Bill To: SAME

Company: The McEdwards Group
1025 Hearst-Willits Road
Willits, CA 95490-9743 E-Mail: TMCG@INSTAWAVE.NET

Tele: (707) 459-1086 Fax: (707) 459-1084

Project #: 1078.01.02 Project Name: 7746 N. HWY 1

Project Location: LITTLE RIVER

Sampler Signature: Don McEdwards

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015) / MOTOR OIL	Analysis Request: TPH as Diesel (8015)	Analysis Request: Total Petroleum Oil & Grease (5520 E&F/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: EPA 601 / 8010	Analysis Request: BTEX ONLY (EPA 602 / 8020)	Analysis Request: EPA 608 / 8080	Analysis Request: EPA 608 / 8080 PCB's ONLY	Analysis Request: EPA 624 / 8240 / 8260	Analysis Request: EPA 625 / 8270	Analysis Request: PAH's / PNA's by EPA 625 / 8270 / 8310	Analysis Request: CAM-17 Metals	Analysis Request: LUFT 5 Metals	Analysis Request: Lead (7240/7421/239.2/6010)	Analysis Request: RCI	Other: 5 OXY'S ONLY	Other: 5 OXY'S, 1,2 DCA & EDB	Comments
MW-1		9/8/05	2000	4	VOA	✓					✓	✓			✓															✓	
"		"		1	LTR	✓					✓	✓				✓																
MW-2	1/2 INCH FREE PRODUCT - NOT SAMPLED - PRODUCT SMELLS LIKE GASOLINE																														
"																															
MW-3		9/8/05	2030	4	VOA	✓					✓	✓			✓															✓	
"				1	LTR	✓					✓	✓				✓																
MW-4			1930	4	VOA	✓					✓	✓			✓															✓	
"				1	LTR	✓					✓	✓				✓																

Relinquished By:	Date:	Time:	Received By:
Don McEdwards	9/12/05	0800	[illegible] 9/14 8a
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ✓ PRESERVATION ✓ VOAS | O&G | METALS | OTHER
GOOD CONDITION ✓ APPROPRIATE
HEAD SPACE ABSENT ✓ CONTAINERS ✓
DECHLORINATED IN LAB ____ PERSERVED IN LAB ____

REC'D SEALED & INTACT VIA c/o

Well Purging and Sampling Record

The McEdwards Group, 1025 Hearst-Willits Road, Willits, CA 95490
Tel: 707/459-1086 Fax: 707/459-1084
Field work done by Donald G. McEdwards

Site Name 7746 N. HWY 1 Project No 1078.01.02 Date 9/8/05

Five casing volumes (5CV) = water column (WC) in ft * 0.816 (5/6) gal/ft for 2" well [3.26 (10/3) gal/ft for 4" well]

MW 1 Depth[a] 25 WL[b] 9.29 WC[a-b] 15.66 5CV 12.73

Gal	pH	Cond	ORP	D O	Temp
3	6.63	551	42	0.2	17.8
6	6.56	549	34	0.1	17.6
9	7.00	713	21	0.2	17.7
~~12~~	DRY @	9+			

Purged Gallons: 9 Time Sampled 2000

MW 2 Depth[a] 25 WL[b] 17.00 WC[a-b] 8.0 5CV 6.52

Gal	pH	Cond	ORP	D O	Temp
	1/2"	FREE PRODUCT			
		GASOLINE			

GAS ON W.L. PROBE & PURGE TUBE

Purged Gallons: ____ Time Sampled ____

MW 3 Depth[a] 25 WL[b] 13.98 WC[a-b] 11.02 5CV 8.99

Gal	pH	Cond	ORP	D O	Temp
2	6.63	667	65	0.3	16.6
4	6.58	655	48	0.2	16.6
6	6.65	686	51	0.2	16.2
~~8~~	DRY @	7+			

Purged Gallons: 7 Time Sampled 2030

MW 4 Depth[a] 25 WL[b] 8.49 WC[a-b] 16.51 5CV 13.47

Gal	pH	Cond	ORP	D O	Temp
2	6.51	545	53	0.3	17.8
3	6.52	557	56	0.2	18.1
6	6.65	584	63	0.2	17.9
9	6.81	565	70	0.1	17.5
12	6.80	607	77	0.2	17.3
15	6.96	710	74	0.5	17.0 ?

Purged Gallons: 15 Time Sampled 1930

MW ___ Depth[a] ___ WL[b] ___ WC[a-b] ___ 5CV ___

Gal	pH	Cond	ORP	D O	Temp

Purged Gallons: ____ Time Sampled ____

MW ___ Depth[a] ___ WL[b] ___ WC[a-b] ___ 5CV ___

Gal	pH	Cond	ORP	D O	Temp

Purged Gallons: ____ Time Sampled ____

MW ___ Depth[a] ___ WL[b] ___ WC[a-b] ___ 5CV ___

Gal	pH	Cond	ORP	D O	Temp

Purged Gallons: ____ Time Sampled ____

MW ___ Depth[a] ___ WL[b] ___ WC[a-b] ___ 5CV ___

Gal	pH	Cond	ORP	D O	Temp

Purged Gallons: ____ Time Sampled ____